**Hosted By:**

Sanford Consortium for Regenerative Medicine

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**Division of Regenerative Medicine**

**Third Annual Symposium Program**

**March 10, 2017 | 7:30am - 7:00pm**

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**7:30am**  
**Breakfast**

**Introduction**

8:00am  
**Pradeep Khosla, PhD**  
Chancellor & CEO, UC San Diego

8:05am  
**Catriona Jamieson, MD, PhD**  
Chief, Division of Regenerative Medicine;  
Director, Moores Cancer Center Stem Cell Research Program, UC San Diego

**Session 1: Regeneration**

8:15am  
**Keynote Speaker:**  
Metabolic Regulation of Stem Cells and Leukemogenesis  
**Sean Morrison, PhD**  
Director, Children’s Medicine Center  
Research at UT Southwestern, Chair in Pediatric Genetics

8:55am  
**Understanding Mechanisms and Developing Treatments in Pediatric Brain Disease with iPSCs**  
**Joseph Gleeson, MD**  
Rady Professor of Neuroscience, UC San Diego

9:30am  
**Learned Selflessness: How Brain Tumors Evade the Immune System**  
**Robert Wechsler-Reya, PhD**  
Director of the Tumor Initiation and Maintenance Program, Sanford Burnham Prebys Medical Discovery Institute

10:05am  
**Novel Pluripotent Stem Cell-Derived Immunotherapies**  
**Dan Kaufman, MD, PhD**  
Professor, Division of Regenerative Medicine and Director of Cell Therapy, UC San Diego

10:40am  
**Break**

10:55am  
**Translational Control of Hematopoietic Stem Cells**  
**Robert Signer, PhD**  
Assistant Professor, Division of Regenerative Medicine, UC San Diego

11:30am  
**In & Out: Mouse Models of Hematopoietic Stem Cell Transplantation**  
**Camilla Forsberg, PhD**  
Professor of Biomedical Engineering, UC Santa Cruz

**Session 2: Panel Discussion - Stem Cell Clinical Trials**

1:00pm  
**Moderator:**  
**Patty Maysent, MBA, MPH**  
CEO, UC San Diego Health  
**Catriona Jamieson, MD, PhD**  
- UC San Diego  
**John Adams, MD**  
- UC Los Angeles  
**John Zaia, MD**  
- City of Hope  
**Maria Millan, MD**  
- CIRM  
**Jeremy Pettus, MD**  
- UC San Diego  
**Joseph Ciacci, MD**  
- UC San Diego  
**William Oliver**  
- Patient Advocate

**Session 3: Cancer Stem Cell Innovation**

Chaired by:  
**Scott Lippman, MD**  
Senior Associate Dean and Associate Vice Chancellor for Cancer Research and Care, Moores Cancer Center

2:00pm  
**Keynote Speaker:**  
Normal and Neoplastic Stem Cells  
**Irving Weissman, MD**  
Director, Institute of Stem Cell Biology and Regenerative Medicine, and Professor of Pathology, Stanford University

2:35pm  
**Targeting RNA Editing: A Collaborative Approach from UCSD and DPAc at GSK**  
**David Parry, PhD**  
Executive Director and Entrepreneur in Residence, GlaxoSmithKline  
**Gabriel Pineda, PhD**  
Senior Researcher, UC San Diego

3:05pm  
**Break**

3:15pm  
**Targeting Tumor-Initiating Cell-Associated Antigens with Antibody-Drug Conjugates: Bench to Bedside**  
**Scott Dylla, PhD**  
Founder and Chief Scientific Officer, Abbvie Stemcentrx, LLC

3:40pm  
**How Aging and Reprogramming Affect the Genomes and Potential Safety of iPSCs**  
**Kristin Baldwin, PhD**  
Associate Professor, Department of Molecular and Cellular Neuroscience, The Scripps Research Institute

**Session 4: Hematopoietic Niche**

4:05pm  
**From Hemogenic Endothelium to Self-Renewing Hematopoietic Stem Cells**  
**Hanna Mikkola, MD, PhD**  
Professor of Molecular, Cell and Developmental Biology, UC Los Angeles

4:30pm  
**Regulation and Heterogeneity of Dormant Hematopoietic Stem Cells**  
**Kristin Baldwin, PhD**  
Associate Professor, Department of Molecular and Cellular Neuroscience, The Scripps Research Institute

**Session 5: Hematologic Malignancies**

4:55pm  
**Partners in Crime:**  
**Inflammation-Responsive Genes and Stem Cell Pathways**  
**Leslie Crews, PhD**  
Assistant Project Scientist, UC San Diego

5:15pm  
**Clinical Observations from the Phase 1 Trial of Cirmtuzumab for Patients with Relapsed/Refractory CLL/SLL**  
**Michael Choi, MD**  
Assistant Clinical Professor, UC San Diego

5:35pm  
**Epigenetic Biomarkers of Prognosis and Response in Patients with Myelodysplastic Syndromes**  
**Tiffiny Tanaka, MD**  
Associate Physician Diplomate, Division of Regenerative Medicine, UC San Diego

5:55pm  
**Symposium Closing Remarks**

6:00pm  
**Networking Cocktail Hour**  
**Bella Vista Caffe**  
West Terrace of Sanford Consortium
The Division of Regenerative Medicine would like to thank the following organizations for their help in making our Annual Symposium a success.

Our Sponsors:

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IMPACT BIOMEDICINES

With additional support from:

UC San Diego Health
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